AMENDMENTS TO THE SPECIFICATION

Please amend the Specification as follows:

[0012]   Different scrambling patterns may be generated autonomously, or in unison. In particular, one pseudo-random bit sequence may be used by all of the transmitters. Each transmitter receives the pseudo-random bit sequence and extracts a respective scrambling pattern therefrom, according to a respective predefined algorithm. The scrambling patterns are preferably not correlated at any alignment, so that two identical, and highly repetitious data signals yield encoded data signals that are substantially ~~decolorated~~ de-correlated at any alignment. For simplicity the extraction may involve removing a segment from the pseudo-random bit sequence.

-2-